Bridge Renovation -- No. 509753

Category Agency Planning Area

Transportation

Public Works & Transportation

Countywide

Previous PDF Page Number Required Adequate Public Facility January 3, 2004 11-9(03 App)

Relocation Impact None.

EXPENDITURE SCHEDULE (\$000)

				LAFEINDIT	JUL SOUL	DOLE (90)	00)				
Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design											
and Supervision	445	0	145	300	50	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements				1							
and Utilities	13	0	13	0	0	0	0	0	0	0	. 0
Construction	2,806	0	586	2,220	370	370	370	370	370	370	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,264	0	744	2,520	420	420	420	420	420	420	*
				FUNDING	G SCHEDL	JLE (\$000)		L			
G.O. Bonds	1,696	0	538	1,158	193	193	193	193	193	193	0
State Aid	1,568	0	206	1,362	227	227	227	227	227	227	0
			ANNU	AL OPERA	TING BUD	GET IMPA	CT (\$000)	L.			

This project provides for the renovation of County bridges that have been identified as needing repair work beyond routine maintenance levels to assure continued safe functioning. Renovation work involves planning, preliminary engineering, project management, inspection, and construction. Construction is performed on various components of the bridge structures. Superstructure items include decking, support beams, bearing assemblies, and expansion joints. Substructure items include concrete abutments, backwalls, and wing walls. Culvert repairs include concrete headwalls, structural steel plate pipe arch replacements, installation of concrete inverts, and placement of stream scour protection. Other renovation work includes paving of deck surfaces, bolted connection replacements, stone slope protection, reconstruction of approach roadway, concrete crack injection, deck joint material replacement, scour protection, and installation of traffic safety barriers. Many projects require traffic control measures such as road closures and lane shifts. The community outreach program informs the public of road closures and detour routes. Projects are reviewed and scheduled to reduce as many community impacts as possible, especially to school bus routes.

Service Area

Countywide

Capacity

The highway vehicle capacities will remain the same.

Plans and Studies

The Biennial Bridge Inspection Program, a Federally-mandated program, provides specific information to identify deficient bridge elements.

Specific Data

There is currently a backlog of 75 bridges (based on the 2003 inspection cycle) needing renovation to remain effective and safe components of the County highway system. The backlog of bridges will fluctuate from one inspection cycle to the next due to deterioration, or because bridges may be renovated or replaced between inspections.

Cost Change

Addition of FY09-10 to this ongoing project.

STATUS

Ongoing.

OTHER

The objective of this program is to identify bridges requiring extensive structural repairs and perform the work in a timely manner to avoid emergency situations and major public inconvenience. This work is coordinated with the routine maintenance performed by the Division of Operations. *The Expenditures for this program will continue indefinitely.

APPROPRIATION AN EXPENDITURE DATA	COORDINATION MSHA				
	-				
Date First Appropriation	FY97	(\$000)	Maryland Department		
Initial Cost Estimate		2,100	Department of Permit		
First Cost Estimate			Maryland-National Ca		
Current Scope	FY05	3,264	Commission		
Last FY's Cost Estimate		2,686	Division of Operation		
Present Cost Estimate		3,264	The Executive asserts		
			the requirements of re		
Appropriation Request	FY05	420			
Appropriation Request Est.	FY06	420	by the Maryland Econ		
Supplemental			Protection and Planni		
Appropriation Request	FY04	0			
Transfer		0			
Cumulative Appropriation		744			
Expenditures/					
Encumbrances		138			
Unencumbered Balance		606			
Partial Closeout Thru	FY02	3,104			
New Partial Closeout	FY03	262	1		
Total Partial Closeout		3,366			

Maryland Department of Natural Resources Department of Permitting Services Maryland-National Capital Park and Planning Commission Division of Operations The Executive asserts that this project conforms to the requirements of relevant local plans as required by the Maryland Economic Growth, Resource Protection and Planning Act.

